

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION          IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>MSA247</b>	Application Number
	Applicant <b>HANNES RUMP ET AL</b>	
	Filing Date	Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4049707	SEP 1977	HARTER JOSEPH WILLIAM et al			
	4737885	APR 1988	AKUTSU KENSUKE			
	3954586	MAY 1976	LOWTHER FRANK EUGENE			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	3424889	FEB 1986	GERMANY				
	0537613	APR 1993	EUROPEAN PATENT OFFICE				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	PATENT ABSTRACTS OF JAPAN (NICHIMEN DENSHI R. & AMP. DKK)
	VOL. 1997 No. 03 MARCH 31, 1997 & JP 08310801A NOV. 26, 1996 ABSTRACT
	PATENT ABSTRACTS OF JAPAN VOL. 1996 No. 07 JULY 31, 1996 & JP 08 081205 A
	(TOSHIBA CORP) MARCH 26, 1996 ABSTRACT
	PATENT ABSTRACTS OF JAPAN VOL. 014 No. 453 (C-0764) SEPTEMBER 28, 1990
	& JP 02180703A (NORITAKE CO LTD) JULY 13, 1990 ABSTRACT

EXAMINER	DATE CONSIDERED
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